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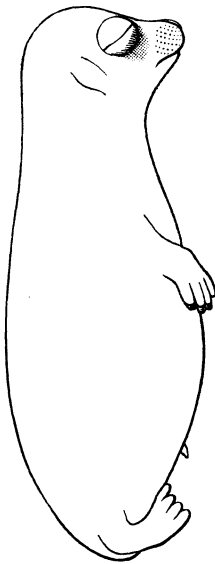
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DESCRIPTION OF A FETAL WALRUS.

BY HARRISON ALLEN, M.D.

The Academy is the possessor of a foetal walrus, which was presented by Dr. I. I. Hays, and brought by him from the Arctic region of eastern North America. I have thought that a figure with measurements of this rare, if not unique, specimen would be of value.

The specimen is straight, or nearly so, and it is by this simple test distinguished from other embryos of Carnivora. There is



neither flexure of the head upon the trunk, or the trunk upon itself. The limbs are folded close to the trunk, this feature being most pronounced in the inferior pair, which are inclined upward upon the ventral surface of the body, and carry between them the rudimentary tail. The median margin of the first toe of the anterior extremity bears a small, rounded membranous lobe, or lappet. The muzzle exhibits the future position of the vibrissæ by six rows of minute papillæ. The muzzle projects slightly beyond the line of the mouth. The position of the future nostrils is seen by two slightly convergent slits.

The vent is a semicircular slit-like opening upon the lateral and posterior surfaces of a rounded nipple-shaped organ, which is probably the future penis or clitoris.

The eye is closed, rather prominent, and presents a palpebral fissure, which is directed obliquely upward and forward.

The auricle is represented by a membranous fold laid close to the head. The slit-like opening defining its position lies $3\frac{1}{2}$ ''' behind the eye, and extends slightly downwards and forwards. The auricle extends in advance of this slit to the distance of 1'''.

where it ends in a minute elevation. A probe can be readily inserted in the slit, and can be passed forward.

The color of the specimen is a dull white or waxy.

No trace of hair is anywhere visible.

Measurements.

Length of specimen, $1''\ 9'''$.

Length of head, $9''$.

Width of body at widest part, $1''$.

Length of anterior margin of anterior extremity, $4\frac{1}{2}'''$.

Length of posterior margin of anterior extremity, $2'''$.

Length of anterior margin of posterior extremity, $4'''$.

Length of posterior margin of posterior extremity, $4'''$.

Distance between vent and navel, $7\frac{1}{2}'''$.